## **EAST Search History**

| Ref #      | Hits | Search Query   | DBs                | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|--------------------|---------------------|---------|---------------------|
| S1         | 1    | "20050075683"  | US-PGPUB;<br>USPAT | AND                 | OFF     | 2007/08/29<br>15:42 |
| S2         | 1    | "20040030365"  | US-PGPUB;<br>USPAT | AND                 | OFF     | 2005/12/15<br>10:36 |
| S3         | 499  | (607/60).CCLS.   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/12/15<br>11:16 |
| S4         | 307  | (607/60.ccls.) and lead  | US-PGPUB;<br>USPAT | AND                 | OFF     | 2007/08/30<br>23:21 |
| S5         | 40   | (sense near amp) and<br>(lead or leads) and<br>(converter or digital) and<br>(memory or Ram or<br>Rom) and<br>(microprocessor or<br>processor) and<br>(telemetry or<br>communication) and<br>("607"/.clas.)          | US-PGPUB;<br>USPAT | AND                 | OFF     | 2005/12/20<br>21:11 |
| <b>S</b> 7 | 1    | (sense near amp) and (lead or leads) and (converter or digital) and (memory or Ram or Rom) and (microprocessor or processor) and (telemetry or communication) and ("607"/.clas.) and (logic near block) and (buffer) | US-PGPUB;<br>USPAT | AND                 | OFF     | 2005/12/15<br>18:08 |
| S8         | 4    | (sense near amp) and (lead or leads) and (converter or digital) and (memory or Ram or Rom) and (microprocessor or processor) and (telemetry or communication) and ("607"/.clas.) and (logic) and (buffer)            | US-PGPUB;<br>USPAT | AND                 | OFF     | 2005/12/20<br>21:08 |
| S9         | 358  | (607/60.ccls.) and (lead or leads)   | US-PGPUB;<br>USPAT | AND                 | OFF     | 2005/12/15<br>18:37 |

| S10 | 11   | (("20030135246") or<br>("4407288") or<br>("6675049") or<br>("5545198") or<br>("6240317") or<br>("5383914") or<br>("6167312") or<br>("6567703") or<br>("6721602") or<br>("6792312") or<br>("6920360")).PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2005/12/15<br>19:17 |
|-----|------|--|------------------------------|-----|-----|---------------------|
| S11 | 2    | (US-6112119-\$ or US-<br>5330513-\$).did.  | USPAT                        | AND | OFF | 2005/12/15<br>19:50 |
| S12 | 1    | ("6315721").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2005/12/19<br>21:38 |
| S13 | 1    | ("5470341").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2005/12/19<br>21:38 |
| S14 | 2445 | (lead or leads) and<br>(converter or digital) and<br>(memory or Ram or<br>Rom) and<br>(microprocessor or<br>processor) and<br>(telemetry or<br>communication) and<br>("607"/.clas.)  | US-PGPUB;<br>USPAT           | AND | OFF | 2005/12/20<br>11:54 |
| S15 | 87   | (transmitting with power with implantable) and ("607"/.clas.)  | US-PGPUB;<br>USPAT           | AND | OFF | 2005/12/20<br>13:40 |
| S16 | 68   | ("3824129"   "3942535"   "3943936"   "4134408"   "4166470"   "4245640"   "4432363"   "4763656"   "4886064"   "4987897"   "5012806"   "5109845"   "5314457"   "5324316"   "5383915"   "5405367"   "5411535"   "5466246"   "5476488"   "5487760"   "5630835"   "5683432"). PN. OR ("5814089"). URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2005/12/20<br>12:11 |
| S17 | 3    | (("6141588") or<br>("5941906") or<br>("5814089")).PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2005/12/20<br>13:41 |
| S18 | 1    | 10/272484  | US-PGPUB;<br>USPAT           | AND | OFF | 2005/12/20<br>13:40 |
| S19 | 1    | ("5814089").PN.  | US-PGPUB;<br>USPAT           | OR  | OFF | 2005/12/20<br>18:39 |

| S20 | 66  | ("0002003"                 | US-PGPUB; | AND | OFF | 2005/12/20 |
|-----|-----|----------------------------|-----------|-----|-----|------------|
|     |     | "20020128694"              | USPAT     |     |     | 21:03      |
|     |     | "4595009"   "4791935"      |           |     |     |            |
|     |     | "4886064"   "5148265"      |           |     |     |            |
|     |     | "5148266"   "5178161"      |           |     |     |            |
|     |     | "5258330"   "5275171"      |           |     |     |            |
|     |     | "5280413"   "5281219"      |           |     |     |            |
|     |     | "5314495"   "5325870"      |           |     |     |            |
|     |     | "5336253"   "5346861"      |           |     |     |            |
|     |     | "5347159"   "5402494"      |           |     |     |            |
|     |     | "5411532"   "5423873"      |           |     |     |            |
|     |     | "5470345"   "5501703"      |           |     |     |            |
|     |     | "5513793"   "5543330"      |           |     |     |            |
|     |     | "5571156"   "5593430"      |           |     |     |            |
|     |     | "5620476"   "5643330"      |           |     |     |            |
|     |     | "5679977"   "5682061"      |           |     |     |            |
|     |     | "5683435"   "5738270"      |           |     |     |            |
|     |     | "5782891"   "5814089"      |           |     |     |            |
|     |     | "5814089"   "5843135"      |           |     |     |            |
|     |     | "5848467"   "5852326"      |           |     |     |            |
|     |     | "5902326"   "5925070"      |           |     |     |            |
|     |     | "5935155"   "5950304"      |           |     |     |            |
|     |     | "5999848"   "0568585"      |           |     |     |            |
|     |     | "6011993"   "6038480"      |           |     |     |            |
|     |     | "6052623"   "6125290"      |           |     |     |            |
|     |     | "6125291"   "6133627"      |           |     |     |            |
|     |     | "6134459"   "6141588"      |           |     |     |            |
|     |     | "6144866"   "6163723"      |           |     |     |            |
|     |     | "6164284"   "6198952"      |           |     |     |            |
|     |     | "6248080"   "6372527"      |           |     |     |            |
|     |     | "6392306"   "6411854"      |           |     |     |            |
|     |     | "6414835"   "6418348"      |           |     |     |            |
|     |     | "6421566"   "6465893"      |           |     |     |            |
|     |     | "6473653"   "6564807"      |           |     |     |            |
|     |     | "6829509").PN.             |           |     |     |            |
|     |     |                            |           |     |     |            |
| S21 | 4   | (Keith near3 Alan near3    | US-PGPUB; | AND | OFF | 2005/12/20 |
|     |     | Miesel) or (Sudha near     | USPAT     |     |     | 21:05      |
|     |     | Nagavarapu) or (Randall    |           |     |     |            |
|     |     | near Maas)                 |           |     |     |            |
| S22 | 40  | (sense near amp) and       | US-PGPUB; | AND | OFF | 2005/12/20 |
|     |     | (lead or leads) and        | USPAT     |     |     | 21:11      |
|     |     | (converter or digital) and |           |     |     |            |
|     |     | (memory) and               |           |     |     |            |
|     |     | (microprocessor or         |           |     |     |            |
|     |     | processor) and             |           |     |     |            |
|     |     | (telemetry or              |           |     |     |            |
|     |     | communication) and         |           |     |     |            |
|     |     | ("607"/.clas.)             |           |     |     |            |
| S24 | 518 | (telemetry with (lead or   | US-PGPUB; | AND | OFF | 2006/05/30 |
|     | 3.0 | leads)) and implantable    | USPAT     |     |     | 02:35      |
| 3   |     | ioado,, and implantable    | 30.71     | 1   |     | 102.00     |
|     |     |                            |           |     |     |            |

| S25         | 1649 | (telemetry same (lead or leads)) and implantable                   | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/30<br>02:33 |
|-------------|------|--|------------------------------|-----|-----|---------------------|
| S26         | 208  | (telemetry with (leads))<br>and implantable                        | US-PGPUB;<br>USPAT           | AND | OFF | 2006/05/30<br>02:35 |
| S27         | 2    | (("4467810") or<br>("6058331")).PN.                                | US-PGPUB;<br>USPAT           | OR  | OFF | 2006/05/30<br>09:42 |
| S30         | 6    | current adj driver with stimulation                                | US-PGPUB;<br>USPAT           | AND | OFF | 2007/08/03<br>16:10 |
| S31         | 1    | ("6316927").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/08/03<br>16:10 |
| S32         | 1    | ("6654638").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/08/29<br>15:44 |
| S33         | 0    | 10/928785  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/08/29<br>15:44 |
| S34         | 1    | 10/408198  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/08/29<br>15:45 |
| <b>S</b> 35 | 456  | (607/60.ccls.) and lead  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/08/30<br>23:55 |
| S36         | 306  | (607/60.ccls.) and leads and (transmit) and power                  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/09/04<br>11:28 |
| <b>S</b> 37 | 3    | (("5674249") or<br>("5683432") or<br>("5776171")).PN.              | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/08/31<br>00:09 |
| S39         | 12   | (607/9.ccls.) and leads<br>and (transmit) and power<br>and relay   | US-PGPUB;<br>USPAT           | AND | OFF | 2007/09/04<br>11:26 |
| S41         | 35   | (607/60.ccls.) and leads<br>and (transmit) and power<br>and relay  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/09/04<br>12:42 |
| S42         | 1    | ("6516227").PN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR  | OFF | 2007/09/04<br>11:43 |
| S43         | 74   | Advanced near Bionics<br>and (spinal near cord<br>near stimulator) | US-PGPUB;<br>USPAT           | AND | OFF | 2007/09/04<br>11:43 |
| S44         | 35   | (607/60.ccls.) and leads<br>and (transmit) and power<br>and relay  | US-PGPUB;<br>USPAT           | AND | OFF | 2007/09/04<br>18:09 |
| S45         | 461  | (607/36).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/06/02<br>16:18 |
| S47         | 203  | (607/54).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/06/02<br>16:25 |
| S51         | 74   | (607/53).CCLS.   | US-PGPUB;<br>USPAT           | OR  | OFF | 2008/06/02<br>16:31 |

| S54 | 13 | ("20050149157"  <br>"4030509"   "4256115"  <br>"5300110"   "5496362"  <br>"5814089"   "5916243"  <br>"6026332"   "6032079"  <br>"6141588"   "6152955"  <br>"6360129"   "6718212").<br>PN. OR ("7200437").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2008/06/02<br>16:39 |
|-----|----|--|------------------------------|-----|-----|---------------------|
| S55 | 9  |  | US-PGPUB;<br>USPAT           | AND | OFF | 2008/06/04          |

|          |                          |        | , |   |   |
|----------|--------------------------|--------|---|---|---|
|          | 5148265-\$ or US-        |        |   |   |   |
|          | 0568585-\$ or US-        |        |   |   |   |
|          | 5148266-\$ or US-        | "      |   |   |   |
|          | 4595009-\$ or US-        |        |   |   |   |
|          | •                        |        |   |   |   |
|          | 6465893-\$ or US-        |        |   |   |   |
|          | 0002003-\$ or US-        |        |   |   |   |
|          | 6372527-\$ or US-        |        |   |   |   |
|          | 6163723-\$ or US-        |        |   |   |   |
|          | 6125290-\$ or US-        |        |   |   |   |
|          | 5935155-\$ or US-        |        |   | *************************************** |   |
|          | 4467810-\$ or US-        |        |   | *************************************** |   |
|          | 5693076-\$ or US-        | -      |   |   |   |
|          | 5674249-\$ or US-        |        |   |   |   |
|          | 5330513-\$ or US-        |        |   |   |   |
|          | 5                        |        |   |   |   |
|          | 5843135-\$ or US-        |        |   |   |   |
|          | 5683432-\$ or US-        |        |   |   |   |
|          | 5679977-\$ or US-        |        |   |   |   |
|          | 5513793-\$ or US-        |        |   |   |   |
|          | 5281219-\$ or US-        |        |   |   |   |
|          | 5280413-\$ or US-        | unna.  |   |   |   |
|          | 5213098-\$ or US-        |        |   |   |   |
|          | 6112119-\$).did. or (US- |        |   |   |   |
|          | 6052623-\$ or US-        |        |   |   |   |
|          | 6038480-\$ or US-        |        |   |   |   |
|          | 5626630-\$ or US-        |        |   | *******                                 |   |
|          | 6248080-\$ or US-        |        |   |   |   |
|          | 6198952-\$ or US-        |        |   |   |   |
|          | 2                        |        |   |   |   |
|          | 6920360-\$ or US-        |        |   |   |   |
|          | 6564807-\$ or US-        |        |   |   |   |
|          | 6473653-\$ or US-        |        |   |   |   |
|          | 6654638-\$ or US-        |        |   |   |   |
|          | 6133627-\$ or US-        |        |   |   |   |
|          | 6125291-\$ or US-        |        |   |   |   |
|          | 6421566-\$ or US-        |        |   |   |   |
|          | 6418348-\$ or US-        |        |   |   |   |
|          | 6414835-\$ or US-        |        |   |   |   |
|          | 5999848-\$ or US-        |        |   |   |   |
|          | 6134459-\$ or US-        |        |   |   |   |
|          | 5383914-\$ or US-        |        |   |   |   |
|          | 6164284-\$ or US-        |        |   | *******                                 |   |
|          | 6144866-\$ or US-        |        |   |   |   |
|          | 5470341-\$ or US-        |        |   |   |   |
|          | 5                        |        |   |   |   |
|          | 5836989-\$ or US-        |        |   | *******                                 |   |
|          | 6516227-\$ or US-        |        |   |   |   |
|          | 5817137-\$ or US-        |        |   |   |   |
|          | 5776171-\$ or US-        |        |   |   |   |
|          | 6829509-\$ or US-        |        |   |   |   |
|          | 4886064-\$ or US-        | anno.  |   |   |   |
|          | 6411854-\$).did. or (US- |        |   |   |   |
|          | 6392306-\$ or US-        |        |   |   |   |
|          | 5417718-\$ or US-        | annu a |   |   |   |
|          | 5814089-\$ or US-        |        |   |   |   |
|          | 7200437-\$).did.         |        |   |   |   |
| <b>1</b> |                          |        |   |   |   |
| •        |                          |        |   |   | , |

| S56 | 22  | ("3727616"   "4289134"  <br>"4459989"   "4579119"  <br>"4628934"   "4877032"  <br>"4989602").PN. OR<br>("5423873").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2008/06/04<br>15:24 |
|-----|-----|--|------------------------------|-----|-----|---------------------|
| S57 | 21  | ("4399820"   "4595009"   "4628934"   "4791935"   "4877032"   "4969463"   "5178161"   "5275171"   "5281219"   "5314495"   "5336253"   "5411532"   "5423873"   "5537156"   "5782891"   "5843135"   "5935155"   "5999848"   "6038480"   "6418348"   "6473653").PN. OR ("7286878").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | AND | OFF | 2008/06/04<br>15:28 |
| S58 | 680 | (607/60.ccls.) and (lead or leads)   | US-PGPUB;<br>USPAT           | AND | OFF | 2009/03/07<br>23:51 |
| S59 | 169 | (607/60.ccls.) and (lead<br>or leads) and (signal with<br>generator)   | US-PGPUB;<br>USPAT           | AND | OFF | 2009/03/07<br>23:51 |

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